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Group Art Unit: 2641

Examiner: Unassigned

Confirmation No.: 5626

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Technology Center 2600

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \$_____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \$_____ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

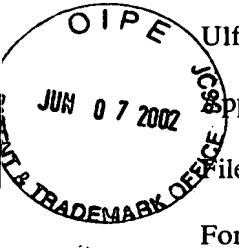
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By: Kenneth B. Leffler
Kenneth B. Leffler
Registration No. 36,075

Date: June 7, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
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Ulf LINDGREN et al.) Group Art Unit: 2641
)
Application No.: 10/022,737) Examiner: Unassigned
)
Filed: December 20, 2001) Confirmation No.: 5626
)
For: SPEECH BANDWIDTH EXTENSION)



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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

European Standard Search Report No. RS 108332 US, dated May 2, 2002:

PCT Patent Publication No. WO01/56021, August 2, 2001.

Nilsson M. et al.: "Avoiding over-estimation in bandwidth extension of telephony speech", 2001 IEEE International Conference on Acoustics, Speech, and Signal Processing. Proceedings (Cat. No. 01CH37221), Salt Lake City, UT, USA, May 7-11, 2001, pages 869-872, Vol. 2, XP002197875 2001, Piscataway, NJ, USA, IEEE, ISBN: 0-7803-7041-4.

European Patent Publication No. EP 1008984 A, June 14, 2000.

Epps, J.: "Wideband Extension of Narrowband Speech for Enhancement and Coding", September 2000, School of Electrical Engineering and Telecommunications - The University of New South Wales, XP002197876. Retrieved from the Internet: <URL: www.library.unsw.edu.au/*thesis/adt-NUN/uploads/approved/adt-NUN20001018.155146/public/02whole.pdf> *, pages 91-102.

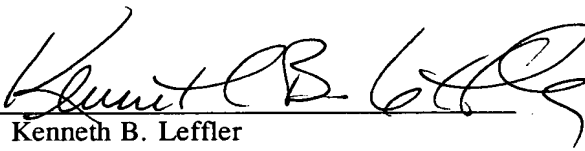
The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or statement is required under 37 C.F.R. § 1.97(b).

I, the undersigned, hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in § 1.56(c) more than 30 (thirty) days prior to the filing of this Information Disclosure Statement.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By: 
Kenneth B. Leffler
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Date: June 7, 2002

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY'S DKT NO.

040071-530

APPLICATION NO.

10/022,737

APPLICANT

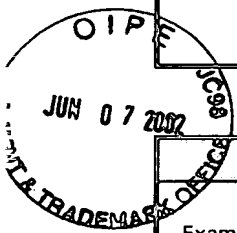
Ulf LINDGREN et al.

FILING DATE

December 20, 2001

GROUP

2641



U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		

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FOREIGN PATENT DOCUMENTS

Technology Center 2600

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
	WO01/56021		PCT	August 2, 2001		
	EP1008984A		Europe	June 14, 2000		

Examiner
Initials

Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

NILSSON, M. et al.: "Avoiding over-estimation in bandwidth extension of telephony speech", 2001 IEEE International Conference on Acoustics, Speech and Signal Processing. Proceedings (Cat. No. 01CH37221), Salt Lake City, UT, USA, May 7-11, 2001, pages 869-872, Vol. 2, XP002197875 2001, Piscataway, NJ, USA, IEEE, ISBN: 0-7803-7041-4.

EPSS, J.: "Wideband Extension of Narrowband Speech for Enhancement and Coding", September 2000, School of Electrical Engineering and Telecommunications - The University of New South Wales, XP002197876. Retrieved from the Internet: <URL: www.library.unsw.edu.au/*thesis/adt-NUN/uploads/approved/adt-NUN20001018.155146/public/02whole.pdf> *, pages 91-102.

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.